

## REMARKS

Claims 1, 2, 4, 5 and 7-13 are pending in the application, with Claims 7-13 having been withdrawn from consideration. The Examiner has rejected Claims 1, 2, 4 and 5 under 35 U.S.C. §103(a) as being unpatentable over Ross et al. (U.S. Patent 6,426,720) in view of Rauscher (U.S. Patent 6,633,762) and further in view of East (U.S. Patent 5,400,037).

It is respectfully submitted that the Examiner has not yet acknowledged receipt of the priority documents. It is respectfully requested that the Examiner review the file and acknowledge receipt of the priority documents.

Regarding the rejection of independent Claims 1 and 4 under §103(a), the Examiner states that the combination of Ross et al. in view of Rauscher and further in view of East discloses all of the elements of these claims. Ross et al. discloses a system and method for directing an adaptive antenna array; Rauscher discloses a smart mobile assisted handoff (MAHO) method that disables the MAHO; and, East discloses a self-focusing antenna array. Each of Claims 1 and 4 had been amended in the previous Response to include the recitation that the weight vector is calculated by  $w_T = k_T a(\theta, \phi, \lambda_T)$ . This calculation of Claims 1 and 4 incorporates the elevation angle of the z-axis and the azimuth angle to calculate the weight vector. The weight vector that is calculated using these two elements is not disclosed by Ross et al., which only uses an elevation angle and a bearing to calculate a position vector. Rauscher and East do not cure this defect. Based on at least the foregoing withdrawal of the rejection of Claims 1 and 4 is respectfully requested.

Independent Claims 1 and 4 are believed to be in condition for allowance. Without conceding the patentability per se of dependent Claims 2 and 5, these are likewise believed to be allowable by virtue of their dependence on their respective amended independent claims. Accordingly, reconsideration and withdrawal of the rejections of dependent Claims 2 and 5 is respectfully requested.

Accordingly, all of the claims pending in the Application, namely, Claims 1, 2, 4 and 5, are believed to be in condition for allowance. Should the Examiner believe that a telephone conference or personal interview would facilitate resolution of any remaining matters, the Examiner may contact Applicants' attorney at the number given below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Paul J. Farrell", written over the typed name.

Paul J. Farrell  
Reg. No. 33,494  
Attorney for Applicant(s)

DILWORTH & BARRESE  
333 Earle Ovington Blvd.  
Uniondale, New York 11553  
Tel: (516) 228-8484  
Fax: (516) 228-8516

PJF/MJM/dr